JOURNAL NOTICE

Neal K. van Alfen, Jan E. Leach, and Steven Lindlow, eds. 2012 (Sep). **Annual Review of Phytopathology**, **Volume 50.** (ISSN: 0066-4286; ISBN: 978-0-8243-1350-0, hbk). Annual Reviews, Inc., 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303, U.S.A. (**Orders:** www.AnnualReviews.org, service@ annualreviews.org, 1-800-523-8635, 1-650-493-4400). \$89.00 indiv., 494 pp., 7 5/8" × 9 3/8".

Contents of Volume 50:

- 1. An Ideal Job—Kurt J. Leonard
- 2. Arthur Kelman: Tribute and Remembrance—Luis Sequeira
- 3. Stagonospora nodorum: From Pathology to Genomics and Host Resistance—Richard P. Oliver, Timothy L. Friesen, Justin D. Faris, and Peter S. Solomon
- 4. Apple Replant Disease: Role of Microbial Ecology in Cause and Control—Mark Mazzola and Luisa M. Manici
- 5. Pathogenomics of the Ralstonia solanacearum Species Complex—Stéphane Genin and Timothy P. Denny
- 6. The Genomics of Obligate (and Nonobligate) Biotrophs—Pietro D. Spanu
- 7. Genome-Enabled Perspectives on the Composition, Evolution, and Expression of Virulence Determinants in Bacterial Plant Pathogens Magdalen Lindeberg
- 8. Suppressive Composts: Microbial Ecology Links Between Abiotic Environments and Healthy Plants—Yitzhak Hadar and Kalliope K. Papadopoulou
- 9. Plant Defense Compounds: Systems Approaches to Metabolic Analysis—Daniel J. Kliebenstein
- 10. Role of Nematode Peptides and Other Small Molecules in Plant Parasitism—Melissa G. Mitchum, Xiaohong Wang, Jianying Wang, and Eric L. Davis
- 11. New Grower-Friendly Methods for Plant Pathogen Monitoring*—Solke H. De Boer and María M. López
- 12. Somatic Hybridization in the Uredinales—Robert F. Park and Colin R. Wellings
- 13. Interrelationships of Food Safety and Plant Pathology: The Life Cycle of Human Pathogens on Plants—Jeri D. Barak and Brenda K. Schroeder
- 14. Plant Immunity to Necrotrophs—Tesfaye Mengiste
- 15. Mechanisms and Evolution of Virulence in Oomycetes—Rays H.Y. Jiang and Brett M. Tyler
- 16. Variation and Selection of Quantitative Traits in Plant Pathogens—Christian Lannou
- 17. Gall Midges (Hessian Flies) as Plant Pathogens—Jeff J. Stuart, Ming-Shun Chen, Richard Shukle, and Marion O. Harris
- 18. Phytophthora Beyond Agriculture—Everett M. Hansen, Paul W. Reeser, and Wendy Sutton
- 19. Landscape Epidemiology of Emerging Infectious Diseases in Natural and Human-Altered Ecosystems— Ross K. Meentemeyer, Sarah E. Haas, and Tomáš Václavík
- 20. Diversity and Natural Functions of Antibiotics Produced by Beneficial and Plant Pathogenic Bacteria—Jos M. Raaijmakers and Mark Mazzola
- 21. The Role of Secretion Systems and Small Molecules in Soft-Rot Enterobacteriaceae Pathogenicity—Amy Charkowski, Carlos Blanco, Guy Condemine, Dominique Expert, Thierry Franza, Christopher Hayes, Nicole Hugouvieux-Cotte-Pattat, Emilia López Solanilla, David Low, Lucy Moleleki, Minna Pirhonen, Andrew Pitman, Nicole Perna, Sylvie Reverchon, Pablo Rodríguez Palenzuela, Michael San Francisco, Ian Toth, Shinji Tsuyumu, Jacquievan der Waals, Jan van der Wolf, Frédérique Van Gijsegem, Ching-Hong Yang, and Iris Yedidia
- 22. Receptor Kinase Signaling Pathways in Plant-Microbe Interactions—Meritxell Antolin-Llovera, Martina K.
 Ried, Andreas Binder, and Martin Parniske
- 23. Fire Blight: Applied Genomic Insights of the Pathogen and Host—Mickael Malnoy, Stefan Martens, John L. Norelli, Marie-Anne Barny, George W. Sundin, Theo H.M. Smits, and Brion Duffy